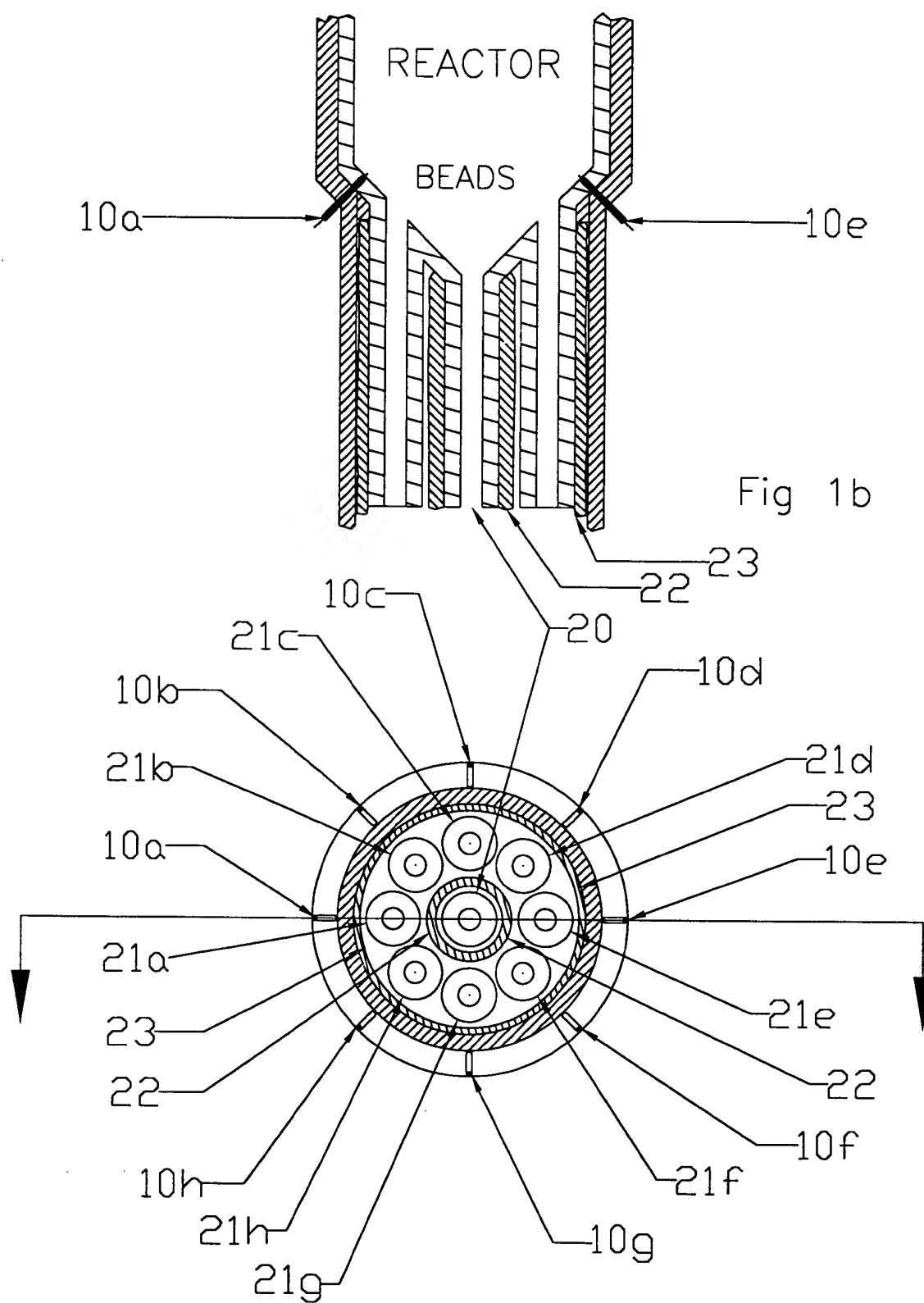


Figure 1a
Single Stage Fluid Bed
Reactor
for any Silicon
Containing Gas (Silane
or Trichlorosilane
and 3 SCG Inlet Coolers
(two of three shown))



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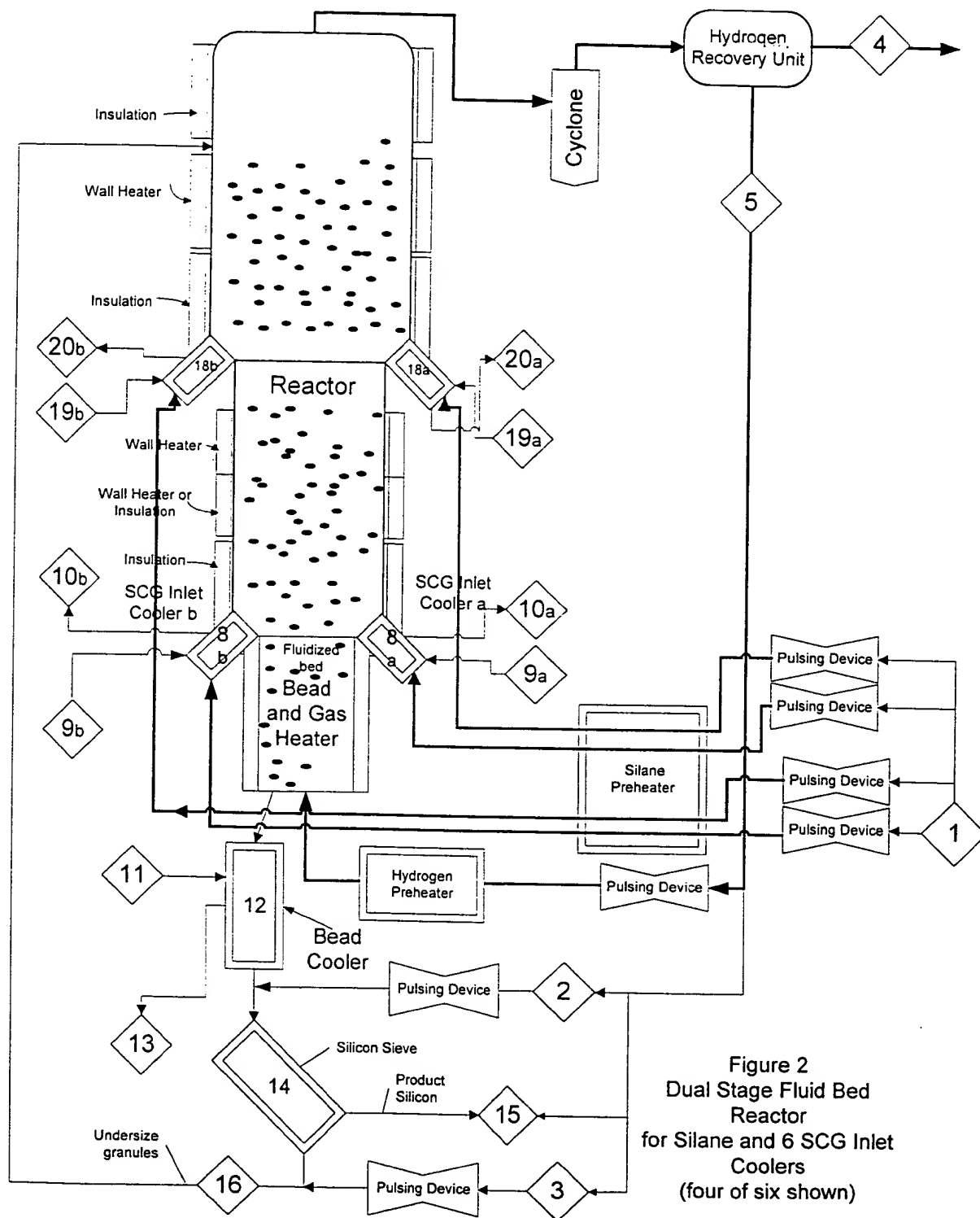


Figure 2
Dual Stage Fluid Bed
Reactor
for Silane and 6 SCG Inlet
Coolers
(four of six shown)

Figure 3a
Dual Stage Fluid Bed
Reactor
for Trichlorosilane, Hydrogen
and 3 SCG Inlet Coolers
(two of three shown)

Figure 3a
Dual Stage Fluid Bed
Reactor
for Trichlorosilane, Hydrogen
and 3 SCG Inlet Coolers
(two of three shown)

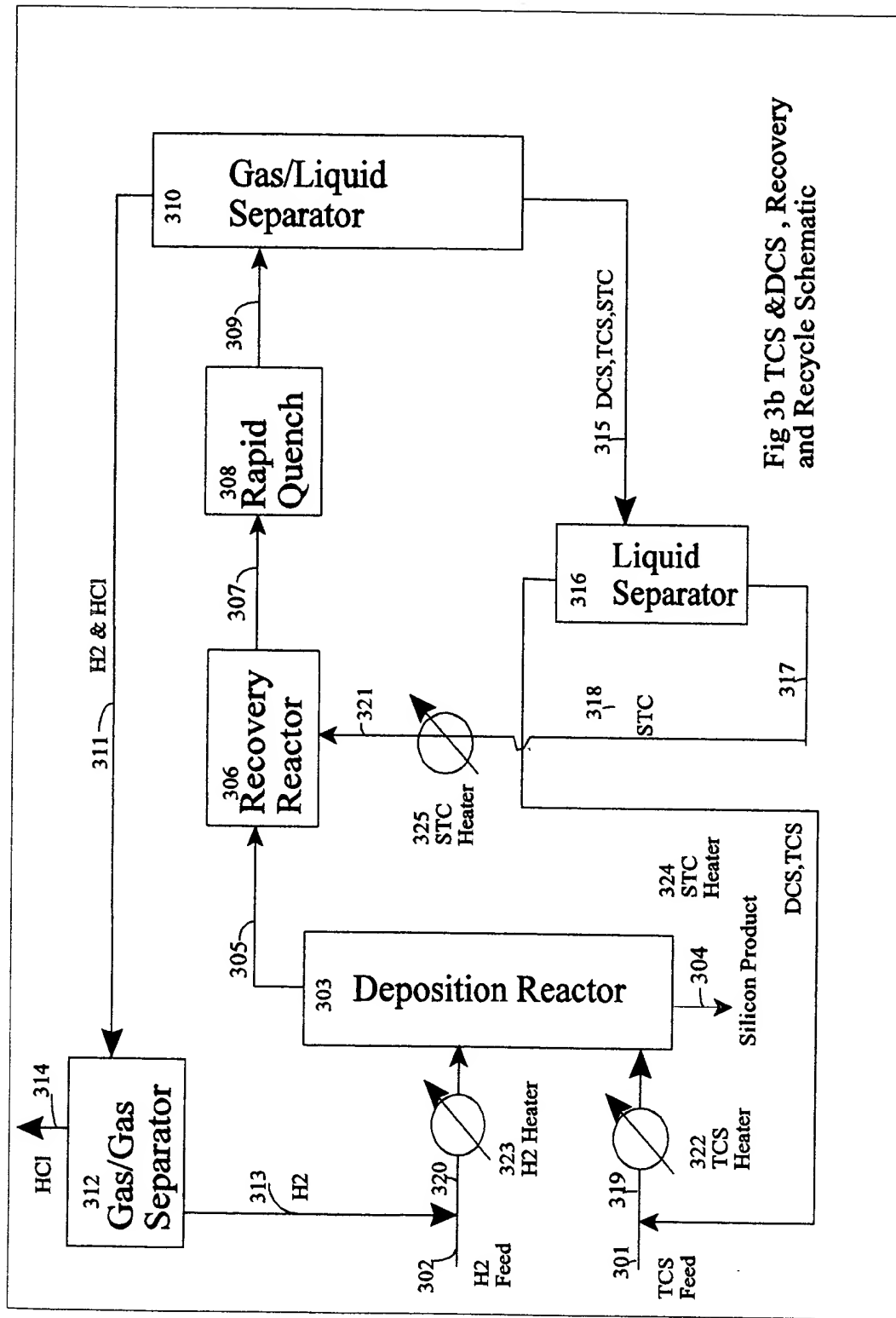


Fig 3b TCS & DCS , Recovery and Recycle Schematic

FIG. 4a

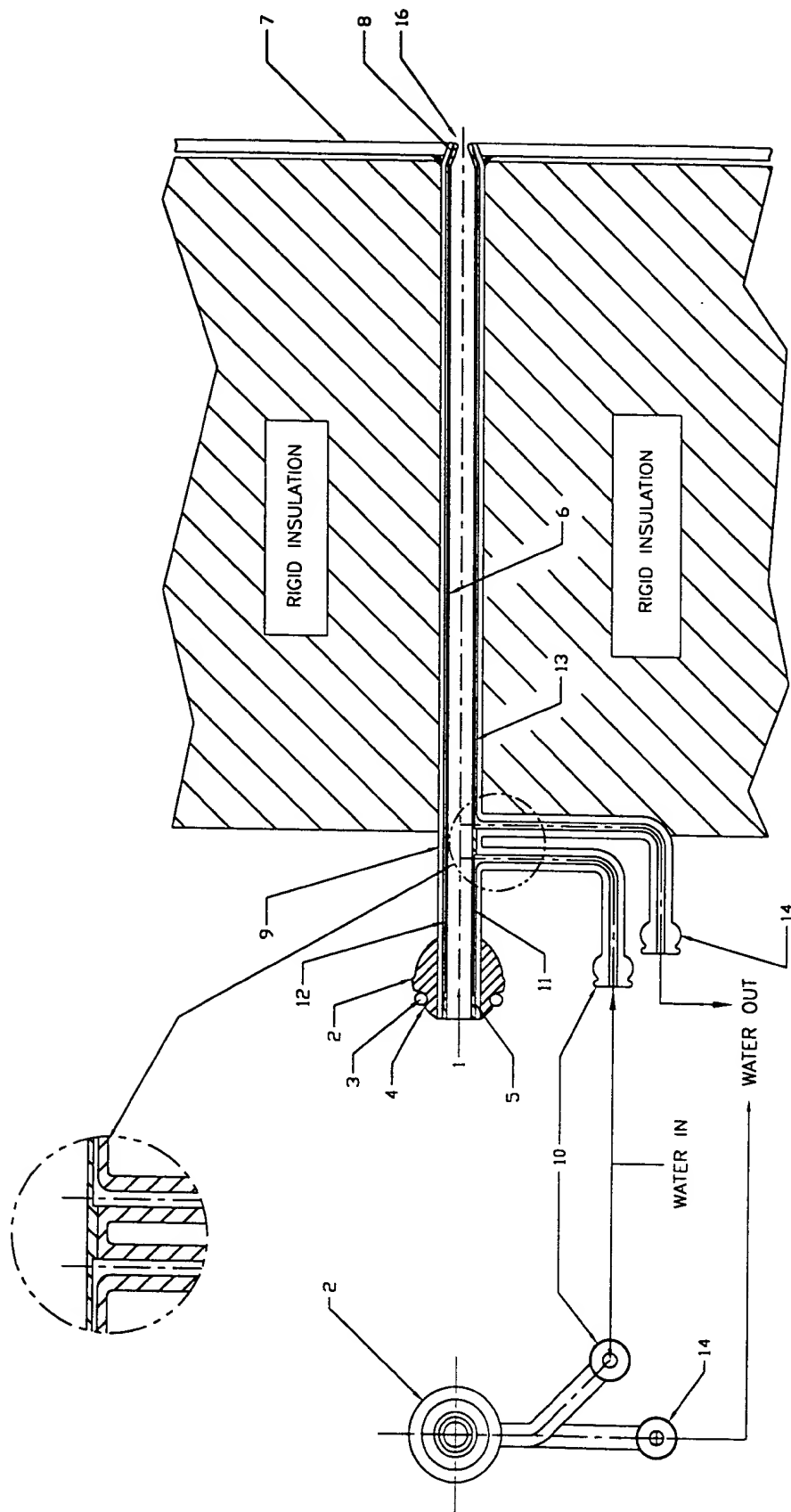
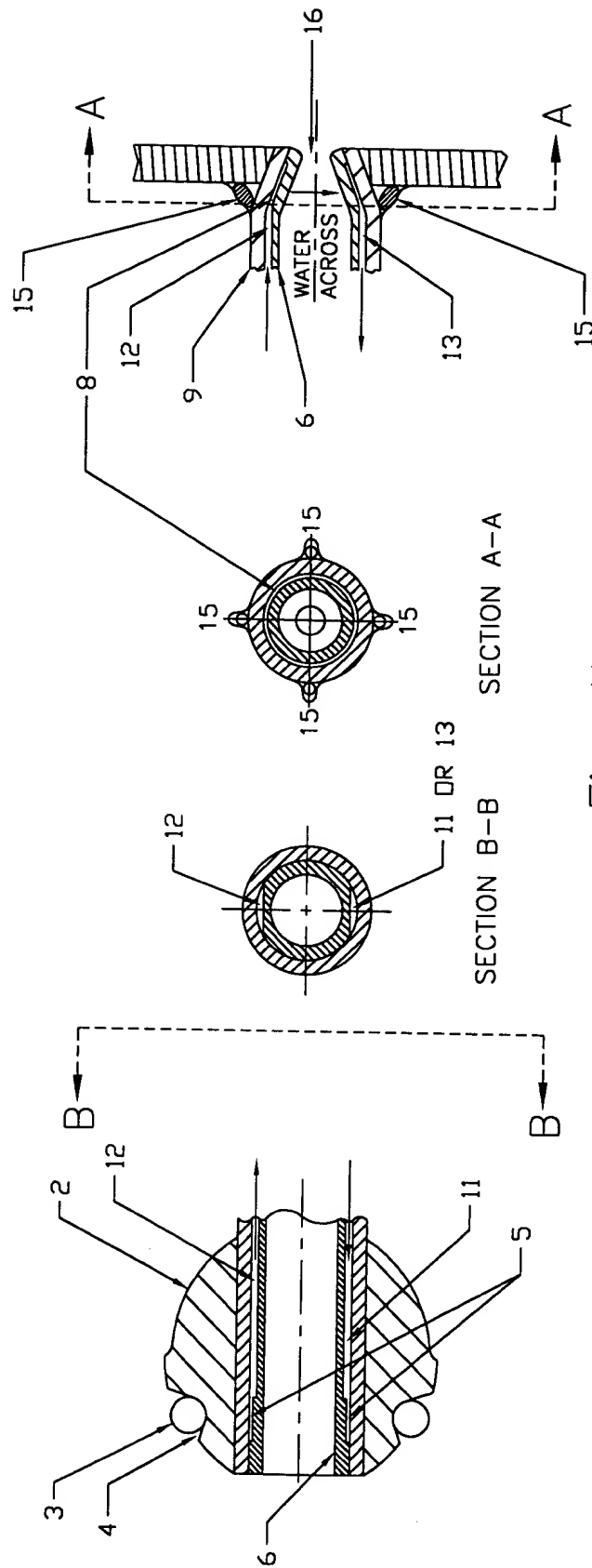
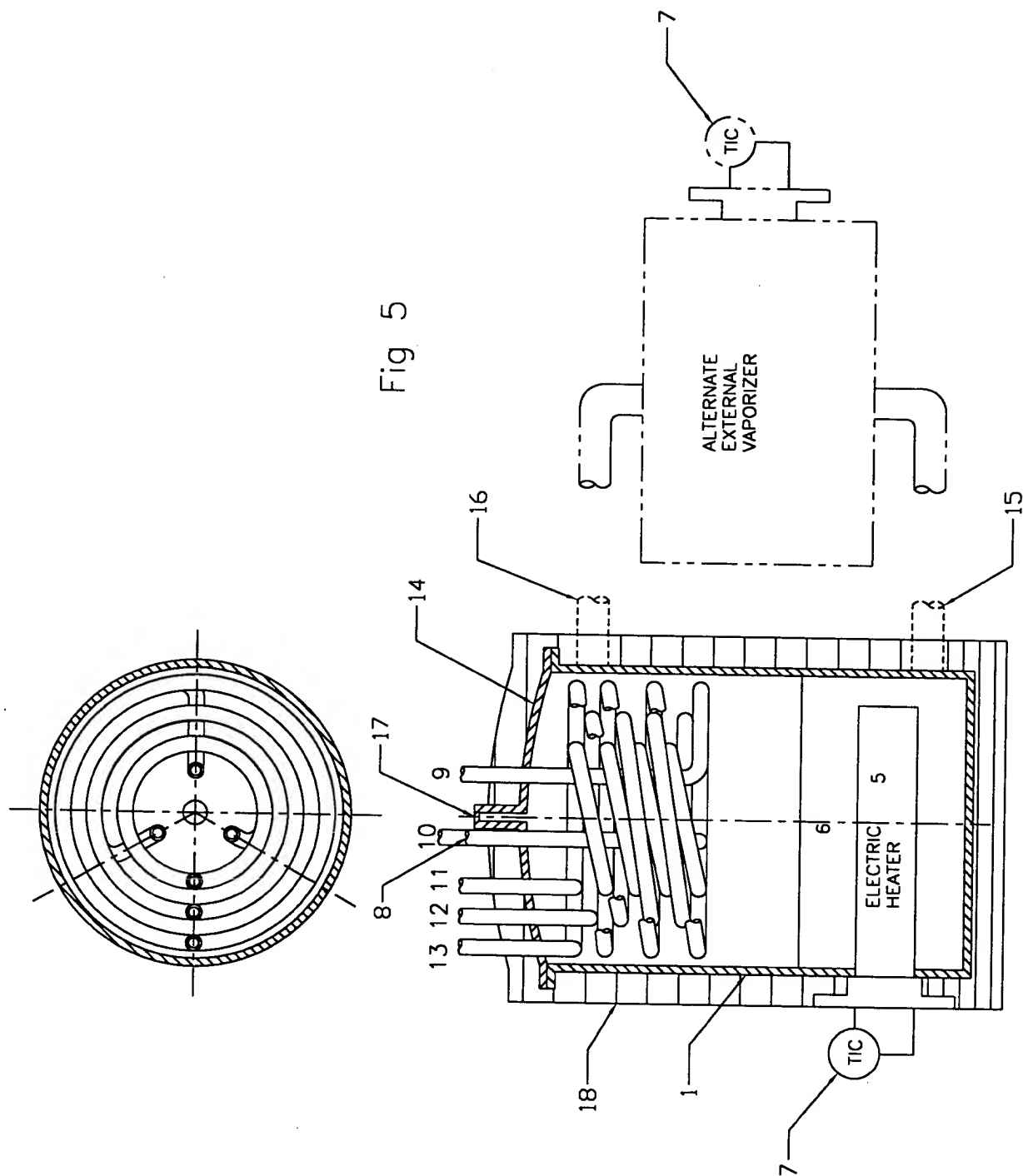


Fig 4a





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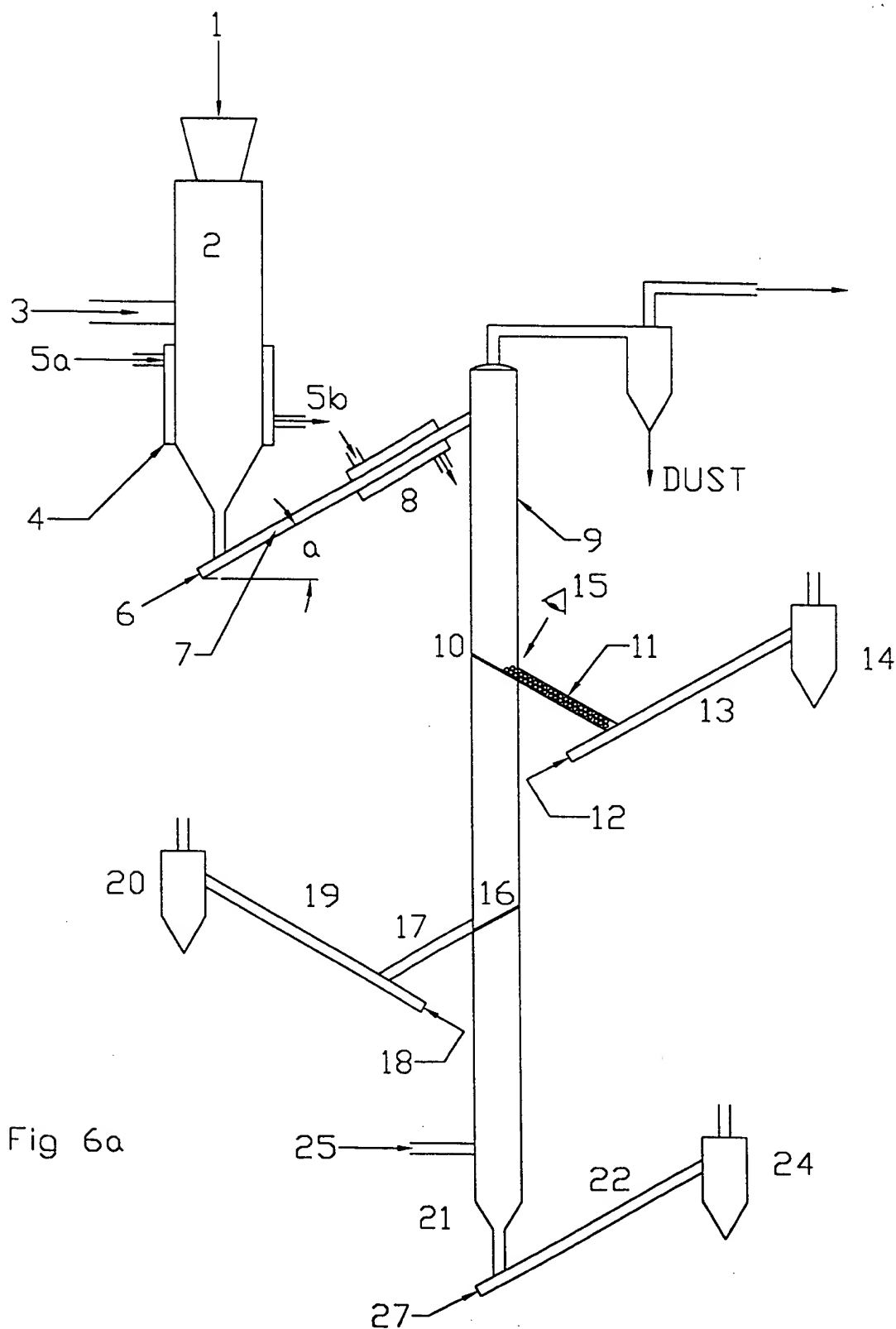


Fig 6a

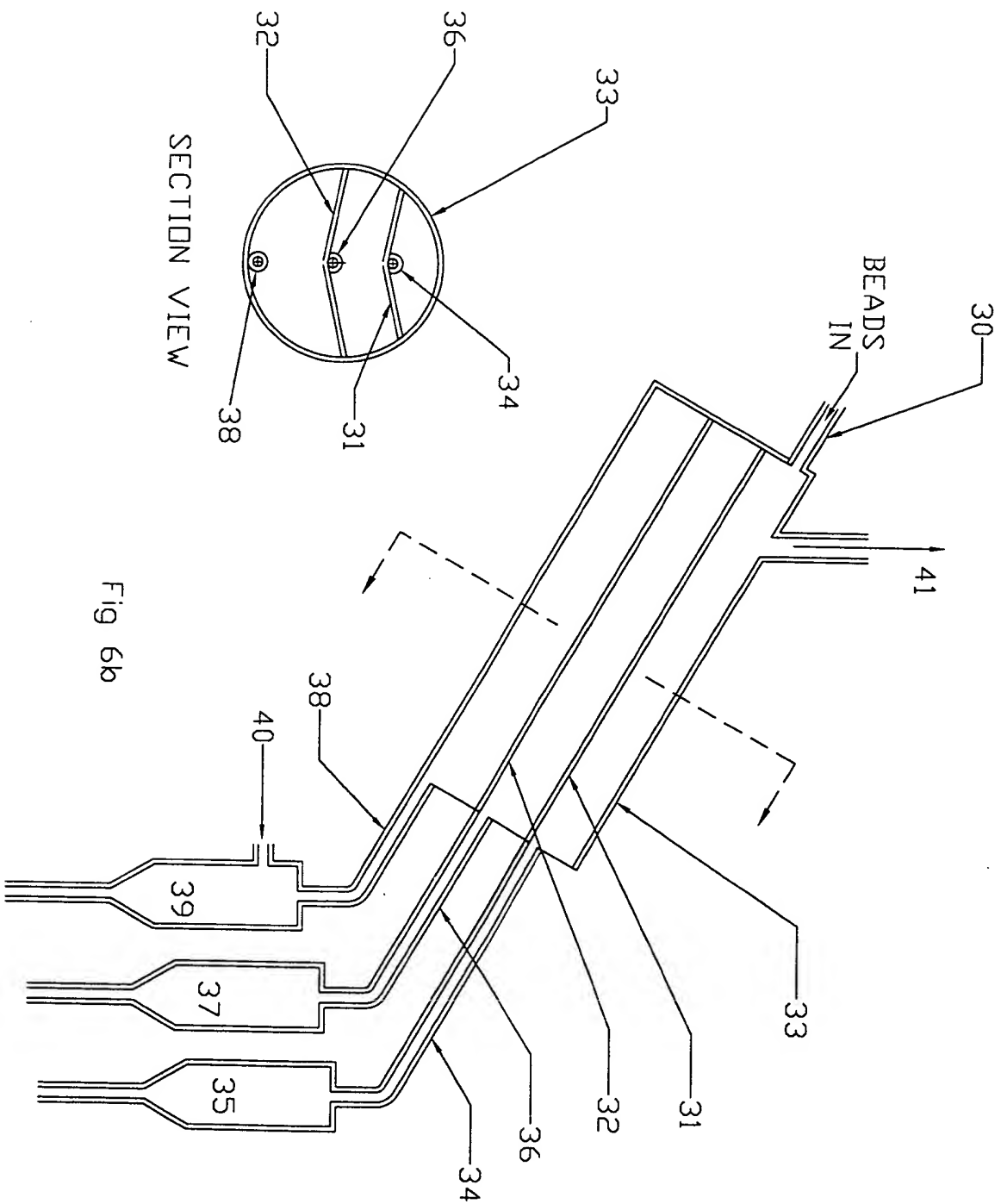


Fig 6b

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